CERTIFICATION REPORT

Alliance for Water Stewardship (AWS)

Audit Number: AO-001613

WSAS WATER STEWARDSHIP ASSURANCE SERVICES

SITE DETAILS

Site: **Nestle Waters Factory - Abu Dhabi**
Address: Al-manahil Street , Mussafah South ICAD III,, Abu Dhabi, UNITED ARAB EMIRATES
Contact Person: Mohammad Abuhantash
AWS Reference Number: AWS-000232
Site Structure: Single Site

CERTIFICATION DETAILS

Certification status: Certified Core
Date of certification decision: 2025-Sep-08
Validity of certificate: 2028-Sep-07

AUDIT DETAILS

Audited Service(s): AWS Standard v2.0 (2019)
Audit Type(s): Re-Certification Audit
Audit Start Date: 2025-May-28
Audit End Date: 2025-May-30
Lead Auditor: Alicia Dauth

Audit team participants:
Alicia Dauth, Lead Auditor

Site Participants:
Ahmeed Khader, Factory Engineer
Ajil, Quality Supervisor
M Ilyas, Water Treatment Specialist
Hamad Hussain, Production manager
Diy Pablan, Production manager
Naveed Island, Electrical and Safety Engineer
Amna Yousa, Quality Specialist
Mohammad Abuhantash, Factory Manager

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ADDITIONAL INFO

Summary of Audit Findings: During the re-certification audit, 1 non-conformity and 21 observations were raised.

The Client is requested to submit a root cause analysis and corrective actions for the non-conformity to WSAS within 10 days of receipt of the audit report, by 27 July 2025.

The non-conformities must be closed within 90 days of the end of the audit. In order to meet this timeline evidence is to be submitted to WSAS by 24 August 2025.

Observations require attention from the site but no response to WSAS at this stage.

The audit team recommends re-certification of Nestle Waters Abu Dhabi at Core level pending closure of the non-conformity.
CLOSURE OF FINDINGS AND CORRECTIVE ACTION PLAN:

The Site has successfully closed all Non-conformities.

Scope of Assessment: The scope of services covers the recertification audit for assessing conformity of Nestle Waters Abu Dhabi against the AWS International Water Stewardship Standard Version 2.

The facility is located in the south-west of Abu Dhabi. The factory obtains it's raw water from two (2) desalination plants in Abu Dhabi which gets it water from the Arabian Gulf, marine environment. These locations are the Shweihat power desalination plant and the Umm Al Nar desalination plant.

The audit was conducted on site on 28th - 30th of May 2025 at the site.

The onsite site visit included the assessment of the Nestle Waters Factory in Abu Dhabi, United Arab Emirates (UAE). The factory produces 5 gallon HOD (Home and office delivery) and 1.5L, 0.6L, 0.33L and 0.2L PET bottled water for distribution.

FINDINGS

NUMBER OF FINDINGS PER LEVEL

Observation	2
Observation	19
Non-Conformity	1

FINDING DETAILS

Finding No:	TNR-018752
Checklist Item No:	1.1.1
Status:	Closed
Finding level:	Non-Conformity
Due date:	2025-Aug-31
Checklist item:	The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including: - Site boundaries; - Water-related infrastructure, including piping network, owned or managed by the site or its parent organization; - Any water sources providing water to the site that are owned or managed by the site or its parent organization; - Water service provider (if applicable) and its ultimate water source; - Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies; - Catchment(s) that the site affect(s) and is reliant upon for water.
Findings:	The site has not yet provided a comprehensive catchment map in line with the catchment definition and based on hydrology and topography. Catchment areas that the site relies upon have not been identified or mapped.
Corrective action:	Revise our catchment, mapping its boundaries, water sources, receiving water bodies, upstream and downstream linkages, ensuring full alignment the requirements; presenting a complete mapping of the catchment that the site depends on and affects.

Finding No:	TNR-018753
Checklist Item No:	1.2.1
Status:	Open
Finding level:	Observation
Checklist item:	Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall: - Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people; - Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies; - Provide evidence of stakeholder consultation on water-related interests and challenges; - Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups; - Identify the degree of stakeholder engagement based on their level of interest and influence.
Findings:	There is lack of evidence that the identification process includes identifying relevant vulnerable groups such as women, minorities, or Indigenous people, or relevant NGOs/CSOs. Once the catchment identification is addressed, the stakeholder identification needs updating.

Finding No:	TNR-018755
Checklist Item No:	1.3.2
Status:	Open
Finding level:	Observation
Checklist item:	Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped
Findings:	The water balance map document showing all inflows, outflows, storage and losses, was not provided.

Finding No:	TNR-018756
Checklist Item No:	1.3.7
Status:	Open
Finding level:	Observation
Checklist item:	Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.
Findings:	There is a lack of description or quantification of the social, cultural, environmental, or economic value related to water that is generated by the site. Also the costs identification could be more comprehensive.

Finding No:	TNR-018757
Checklist Item No:	1.5.1
Status:	Open
Finding level:	Observation
Checklist item:	Water governance initiatives shall be identified, including catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help inform site of possible opportunities for water stewardship collective action.
Findings:	The site lists several governmental water governance initiatives; it should also make it clear how this information informs the site's identification of potential opportunities for collective water stewardship actions.

Finding No:	TNR-018758
Checklist Item No:	1.5.3
Status:	Open
Finding level:	Observation
Checklist item:	The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.
Findings:	The water balance needs an update to be complete and will need to account for the updated catchment area.

Finding No:	TNR-018759
Checklist Item No:	1.5.6
Status:	Open
Finding level:	Observation
Checklist item:	Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.
Findings:	The site identified and described infrastructure but its condition and potential exposure to extreme events is not clear

Finding No:	TNR-018760
Checklist Item No:	1.6.1
Status:	Open
Finding level:	Observation
Checklist item:	Shared water challenges shall be identified and prioritized from the information gathered.
Findings:	The shared water challenges were identified from the site's perspective. Stakeholder consultation to understand their challenges and then identify shared challenges should be strengthened.

Finding No:	TNR-018761
Checklist Item No:	1.7.1
Status:	Open
Finding level:	Observation
Checklist item:	Water risks faced by the site shall be identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.
Findings:	The site identified operational risks; it should also analyse reputational, financial and other types of risks. Additionally, the time frame for these risks has not been specified.

Finding No:	TNR-018762
Checklist Item No:	1.8.1
Status:	Open
Finding level:	Observation
Checklist item:	Relevant catchment best practice for water governance shall be identified.
Findings:	The site's identification of best practices on catchment governance is limited to already implemented actions. A comprehensive list of possible best practices suitable for catchment-based water governance is currently lacking.

Finding No:	TNR-018763
Checklist Item No:	1.8.4
Status:	Open
Finding level:	Observation
Checklist item:	Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.
Findings:	The site identified only implemented actions but identification of possible best practices suitable for maintenance or improvement of identified catchment Important Water-Related Areas is missing

Finding No:	TNR-018764
Checklist Item No:	1.8.5
Status:	Open
Finding level:	Observation
Checklist item:	Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.
Findings:	The site identified implemented practices but a comprehensive list of possible WASH best practices suitable for the site and catchment context is currently lacking.

Finding No:	TNR-018765
Checklist Item No:	2.3.2
Status:	Open
Finding level:	Observation
Checklist item:	A water stewardship plan shall be identified, including for each target: - How it will be measured and monitored - Actions to achieve and maintain (or exceed) it - Planned timeframes to achieve it - Financial budgets allocated for actions - Positions of persons responsible for actions and achieving targets - Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.
Findings:	The alignment between any proposed goals and the shared water challenges or risks is not clear. The current plan appears to not go beyond regulatory compliance. Additionally, a link to AWS outcomes and, where available, best practices (Indicator 1.8), should be identified.

Finding No:	TNR-018771
Checklist Item No:	3.1.1
Status:	Open
Finding level:	Observation
Checklist item:	Evidence that the site has supported good catchment governance shall be identified.
Findings:	While the site implemented planned action (attending SWUP on a yearly basis), this is hardly sufficient to support effective catchment governance. The site should consider additional actions to support catchment governnace.

Finding No:	TNR-018772
Checklist Item No:	3.3.1
Status:	Open
Finding level:	Observation
Checklist item:	Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.
Findings:	Once implemented, monitoring with Aquassy tools becomes a routine operation. However, additional actions are still expected.

Finding No:	TNR-018774
Checklist Item No:	3.5.1
Status:	Open
Finding level:	Observation
Checklist item:	Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.
Findings:	While the site implemented a planned beach clean-up, the site should consider actions to address status and threats of identified IWRAs (information in 1.5.5), so that the actions maintain and/or enhance the catchment's Important Water-Related Areas.

Finding No:	TNR-018776
Checklist Item No:	3.7.1
Status:	Open
Finding level:	Observation
Checklist item:	Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.
Findings:	In the water stewardship plan, there were no targets or actions on indirect water use

Finding No:	TNR-018778
Checklist Item No:	3.9.1
Status:	Open
Finding level:	Observation
Checklist item:	Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.
Findings:	The actions presented reflect best practices in water balance, rather than in catchment water governance

Finding No:	TNR-018779
Checklist Item No:	3.9.2
Status:	Open
Finding level:	Observation
Checklist item:	Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.
Findings:	Once implemented, Aquassay monitoring became a routine activity at the site. However, additional actions are still expected, in respond to identifying possible further best practices in 1.8.2.

Finding No:	TNR-018780
Checklist Item No:	3.9.3
Status:	Open
Finding level:	Observation
Checklist item:	Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.
Findings:	Once implemented, monitoring actions became a routine activity at the site. However, additional actions are still expected, in respond to identifying possible further best practices in 1.8.3.

Finding No:	TNR-018781
Checklist Item No:	3.9.4
Status:	Open
Finding level:	Observation
Checklist item:	Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.
Findings:	The site is still only considering/planning actions towards achieving best practice, related to the maintenance of Important Water-Related Areas. The actions should link to identified possible further best practices in 1.8.4

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Alliance for Water Stewardship (AWS)

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Finding No:	TNR-018785
Checklist Item No:	4.1.1
Status:	Open
Finding level:	Observation
Checklist item:	Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.
Findings:	The evaluation remains broad and lacks sufficient specificity

Report Details

Report	Value
Report prepared by	Alicia Dauth
Report approved by	Lorenzo Brioschi & Anasse Ait Lemkademe
Report approved on (Date)	18/06/2025

Surveillance

Proposed date for next audit
2026-Jun-03

Comment: This was not a surveillance audit, this was a re-certification audit. The scope of the audit was to fully assess all the Core indicators as part of the recertification audit.

Stakeholder Announcements

Date of publication	Location
23/03/2025	AWS website
18/03/2025	https://www.nestle-mena.com/en/media/public-stakeholder-announcement-1

Comment: The site's stakeholder announcements are updated in the SWAY presentation created by Nestle which is updated as annually and shared with stakeholders to communicate shared water challenges and the sites water stewardship plan.

The Nestlé Waters Factory H&O - Abu Dhabi - Branch 1 is seeking Re-Certification against the AWS
International Water Stewardship Standard was uploaded to the AWS website in March 2025.

Comment: A stakeholder interview was conducted with one (1) relevant water-related government authority within the site catchment area.

The stakeholder interview was conducted virtually on 30 May 2025 with TAQA Water Solutions Section Head, Vivek Reghukumar who is responsible for the for trade effluent monitoring of the ICAD industrial III area. Mr. Reghukumar is new to this role but provided his section remit. In the last year some changes have been made within the water distribution and wastewater sector within Abu Dhabi.

TAQA Water Solutions (formerly ADSSC, Abu Dhabi Sewerage Company) and ADDC (Abu Dhabi Distribution Company) are both key players in the water and energy sector within Abu Dhabi. TAQA has formed a unified entity from the merger of Abu Dhabi Distribution Company (ADDC) and Al Ain Distribution Company (AADC), TAQA Distribution operates as a key subsidiary of Abu Dhabi National Energy Company (TAQA). TAQA Distribution is responsible for planning, operating, maintaining, and enhancing the power and water distribution networks in Abu Dhabi's central, Al Dhafra and Al Ain regions, providing reliable and sustainable energy solutions.

Catchment Information

Catchment Information
This region is characterized by flat terrains and is adjacent to the Arabian Gulf, influencing its hydrological dynamics.

The primary source is desalinated seawater. These facilities are integral to Abu Dhabi's strategy to meet its freshwater needs through desalination.

Treated effluents from ICAD III are managed by TAQA and the Abu Dhabi Sewerage Services Company (ADSSC) is responsible for wastewater collection, treatment, and disposal in Abu Dhabi.

While ICAD III predominantly relies on desalinated water, the region overlays several aquifers:

-Superficial Aquifer: Comprised of unconsolidated sand and gravel, this shallow aquifer has limited freshwater due to high salinity levels.

-Upper and Lower Fars Formations: These deeper aquifers consist of limestone and dolomite layers. Natural recharge is minimal, primarily occurring in the Hajar Mountains, far from ICAD III. Based on the Environment Agency Abu Dhabi (EAD), the over-extraction and salinity issues, groundwater use is restricted, and artificial recharge projects using treated wastewater are being explored to rejuvenate these aquifers.

Water Supply: Managed by TAQA Water Solutions and the Abu Dhabi Distribution Company (ADDC), which distributes desalinated water.

Stormwater Management: Stormwater is collected through a dedicated drainage system and directed towards the Arabian Gulf, minimizing flood risks.

Catchment Features:

-Water Scarcity: Abu Dhabi faces significant water scarcity challenges due to its arid climate and limited natural freshwater sources.

-Flooding: While the region is generally arid, occasional intense rainfall can lead to localized flooding, necessitating efficient stormwater infrastructure.

-Environmental Protection: Efforts are ongoing to protect marine ecosystems from industrial discharges, with strict regulations in place.

-Inter-basin Transfers: There are no significant inter-basin water transfers affecting ICAD III.

-Climate: The area is characterized by a hyper-arid climate, with minimal rainfall and high evaporation rates.

-Dominant Water Uses: The catchment is dominated by industrial activities, with water primarily used for manufacturing processes, cooling, and sanitation.

Comment ICAD III is situated within the Mussafah Industrial Area, part of the broader Abu Dhabi coastal catchment.

Client Description and Site Details

Client/Site Background
The site is located in an industrial area of Abu Dhabi called Mussafah and is in South ICAD III on Al Manahil Street. The facility is located in the south-west of Abu Dhabi city.

The factory produces bottled water, including:

-5-gallon HOD (Home and Office Delivery) bottles
-1.5L, 0.6L, 0.33L, and 0.2L bottled water

Water is used primarily in the production and bottling processes.

Water Sources: The site sources its water from two (2) desalination plants located in Abu Dhabi, which draw seawater from the Arabian Gulf.

Water Treatment Facilities: Water is received pre-treated from desalination plants and the site has additional treatment in the form of Reverse Osmosis (RO) to produce the Nestle Waters brand.

Water Use for Production: Water is used in the bottling process for various PET bottle sizes. This includes the cleaning of HOD bottles and the finished product water.

Wastewater Treatment Facilities: Wastewater is collected onsite in a tank and checked by pH, conductivity and COD before discharged off-site to the Al Mafraq Wastewater Treatment Plant, where it is treated for reuse for irrigation demands for Abu Dhabi.

The site has a cooling tower which consumes a majority of the factories water use.

There is no rainwater harvesting onsite.

Stormwater is managed through the municipal stormwater system, which ultimately discharges into the marine environment, including areas such as the Bul Syayeef Marine Protected Area (MPA).

Wastewater (process and sewage): Discharged to Al Mafraq Wastewater Treatment Plant, located southeast of Abu Dhabi, where it is treated for reuse in Abu Dhabi, mostly for irrigation of landscaping around the city

Comment

The Nestle Factory Abu Dhabi is located in the Industrial Area of Abu Dhabi Mussafah South ICAD III in the United Arab of Emirates. The facility is located in the south-west of Abu Dhabi city.

The scope of services covers the re-certification criteria for assessing conformity of Nestle Waters Factory H&O against the AWS International Water Stewardship Standard Version 2.

The factory obtains it's raw water from two (2) desalination plants in Abu Dhabi which gets it water from the Arabian Gulf, marine environment.

These locations are the Shweihat power desalination plant and the Umm Al Nar desalination plant.

The audit was conducted on site on 28th, 29th and 30th of March 2025 at the site.

Summary of Shared Water Challenges

Summary of Shared Water Challenges

The challenge of this is that the desalination plants require the water to be of good quality (i.e. TDS, temperature and chemicals non-organic parameters) for efficient RO treatment. The challenge for the site is that the water supplied from the desalination plants needs to meet the standards for the sites water operations because additional treatment will be required at the site. A recent study of the marine water quality in Abu Dhabi conducted by Environment Agency Abu Dhabi (EAD) concluded that in 2023 that eutrophication was present in various of the monitoring locations. Some of the locations are near to the site and to the desalination plants where the site receives it raw water from. Eutrophication has been linked to nutrient-rich discharges from treated sewage and industrial effluents, particularly in areas like the Mussafah South Channel. The channel is 53km-long and Musaffah Port sits on one of the busiest channels in the world; it is also perfectly positioned within the Musaffah Industrial Area (ICAD) of Abu Dhabi.

Eutrophication adversely affects desalination processes in several ways such as Membrane Fouling, Operational Shutdown, Increased Treatment Costs and Public Health Risks. However, the site has continued to received water quality in good quality from the supplier.

Water is scarce in the UAE and a majority of water is generated from the desalination plants for industrial and domestic needs. There is a risk to the raw water supply (marine water)which can impact the desal plant. For example, if sea level water temperatures rise then the desalination plants have to increase it's RO process to ensure the water quality is of good enough standard to distribute. This is just an example however, there are many other risks to having the main source of water from high tech RO solutions as groundwater is not sufficient nor sustainable and is allocated primarily for agricultural purposes only.

Comment: The shared water challenges is based on the fact that all potable water comes from the the same desalination plant(s) and that the UAE and Abu Dhabi face environmental challenges such as land, sea and air pollution, overexploited resources, habitat destruction and increased human health concerns.

1	STEP 1: GATHER AND UNDERSTAND

1.1 *Gather information to define the site's physical scope for water stewardship purposes, including: its operational boundaries; the water sources from which the site draws; the locations to which the site returns its discharges; and the catchment(s) that the site affect(s) and upon which it is reliant.*

1.1.1 *The physical scope of the site shall be mapped, considering the regulatory landscape and zone of stakeholder interests, including:*
- Site boundaries;
- Water-related infrastructure, including piping network, owned or managed by the site or its parent organization;
- Any water sources providing water to the site that are owned or managed by the site or its parent organization;
- Water service provider (if applicable) and its ultimate water source;
- Discharge points and waste water service provider (if applicable) and ultimate receiving water body or bodies;
- Catchment(s) that the site affect(s) and is reliant upon for water.

closed

Comment

Physical Scope and Water Infrastructure Overview

-Site Boundaries: The physical boundaries of the site were identified and mapped. These boundaries have not changed since the initial audit.

-Water Infrastructure: All water-related infrastructure, including the piping network managed by the site is documented in the piping network process flow map and the Water Treatment Plant (WTP) instrumentation diagram. This helps the site understand flow directions and system layout.

-Water Service Provider and Source: The current water service provider is TAQA Water solutions, ADDC is now under TAQA. TAQA Water Solutions may soon play a larger role, having absorbed Abu Dhabi's water distribution.

Water is currently assumed based on past communications to be sourced from Shuweihat and Umm Al Nar power plants, pending confirmation from TAQA Water Solutions (email request sent) to confirm this is still the case but this is waiting to be confirmed.

Discharge and Wastewater: The Water System Layout Map distinguishes between the domestic (ADDC-supplied) and industrial (raw water) lines, each with separate meters.

Two on-site tanks collect process water (from PET lines, CIP, cleaning, overfilling, etc.) and sewage from the social block, which are then pumped to the municipal drainage system.

Treated wastewater is discharged to Bul Syayeef via the Al Wathba Wastewater Treatment Plant, with approximately 150 m^3/day being discharged.

CIP processes may sometimes cause fluctuations in water pH (acidic/alkaline).

Catchments and Water Sources:

-The site uses only desalinated water from the Arabian Gulf and does not use groundwater.

-There are two incoming water meters at the site's entrance.

-There is no outgoing meter, but a flow meter reading can be taken from the water line.

Finding No: TNR-018752

1.2 *Understand relevant stakeholders, their water related challenges, and the site's ability to influence beyond its boundaries.*

1.2.1 *Stakeholders and their water-related challenges shall be identified. The process used for stakeholder identification shall be identified. This process shall:*
- Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people;
- Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies;
- Provide evidence of stakeholder consultation on water-related interests and challenges;
- Note that the ability and/or willingness of stakeholders to participate may vary across the relevant stakeholder groups;
- Identify the degree of stakeholder engagement based on their level of interest and influence.

Obs.

Comment

Nestle Water uses the CRP tool to track stakeholder engagement for the site. The site has a target to do an interview with the stakeholders every 3 years. 2025 is the year to re-evaluate it's stakeholders engagement with the target to complete end of July 2025 - additional to close any findings by the end of the year for at least 80% of the interviews.

The site has identified four (4) new stakeholders based on their water use and catchment area. All of these stakeholders have been approached in person first then via email and there has yet to be engagement from them. The willingness of stakeholders to participate has been limited now for the newly identified stakeholders.

- Inclusively cover all relevant stakeholder groups including vulnerable, women, minority, and Indigenous people: Based on the site being in an industrial area there are no relevant groups as such near the site or in the catchment.

- Consider the physical scope identified, including stakeholders, representative of the site's ultimate water source and ultimate receiving water body or bodies: This has been identified and four (4) new stakeholders have been identified.

- Provide evidence of stakeholder consultation on water-related interests and challenges: This form has been identified in the CRP 3.0 Blank Interview form.

- Identify the degree of stakeholder engagement based on their level of interest and influence: This has been identified in the CRP. 3.0.

Every month a GCC region meeting will occur called Water Resource & Water Treatment Meeting
-AWS
-CRP action plan
-Water resource audit (occurs every 3-5 years)

1.2.2 *Current and potential degree of influence between site and stakeholder shall be identified, within the catchment and considering the site's ultimate water source and ultimate receiving water body for wastewater.*

Yes

Comment

Yes, this is addressed in the Community Relations Process (CRP), where the site assesses both its influence on stakeholders and stakeholders' influence on the site, resulting in a favorable or neutral rating.

1.3 *Gather water-related data for the site, including: water balance; water quality, Important Water-Related Areas, water governance, WASH; water-related costs, revenues, and shared value creation.*

1.3.1 *Existing water-related incident response plans shall be identified.* Yes

Comment: Yes, this was identified in the AWS Risk Assessment and Migration document which has included 8 water related incidents. In the Emergency Preparedness and Response plan last updated 2023.

This includes water leakages issue from roof during adverse weather condition which has occurred on the site.

1.3.2 *Site water balance, including inflows, losses, storage, and outflows shall be identified and mapped* Obs.

Comment: This was identified in the form of an excel document. The site has supplied the site water balance visualization to include a water visual dashboard. The data is collected from water flow meter data.

Inherent losses which can not be avoided but to optimize the process have been identified and presented at Loss % in WT.

1.3.3 *Site water balance, inflows, losses, storage, and outflows, including indication of annual variance in water usage rates, shall be quantified. Where there is a water-related challenge that would be a threat to good water balance for people or environment, an indication of annual high and low variances shall be quantified.* Yes

Comment: Yes, the site water balance has been quantified.

The HOD and PET CIP (Cleaning in Place) this rejected water goes into the underground wastewater tank and this happens before start up of the line. This water is not able to be reused because it is mixed with chemicals (such as detergent and disinfection) so it can not be recycled because there is not infrastructure onsite to treat the CIP water.

1.3.4 *Water quality of the site's water source(s), provided waters, effluent and receiving water bodies shall be quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be quantified.* Yes

Comment: The site has a yearly monitoring sampling plan and Quality Monitoring System which is checking utility water (cooling water, chiller, ammonia). product water and the raw water.

The Line Health which checks the front and back line hygiene water condition including raw water and product. water.

The wastewater is checked through remote sensors of pH, COD and conductivity. The water is tested monthly by a 3rd party. Every month TAQA is coming to test wastewater and if any non conformity Nestle would be notified.

1.3.5 *Potential sources of pollution shall be identified and if applicable, mapped, including chemicals used or stored on site.* Yes

Comment: Yes, potential sources of pollution have been identified. This includes the three (3) chemical storage areas.

1.3.6 *On-site Important Water-Related Areas shall be identified and mapped, including a description of their status including Indigenous cultural values.* Yes

Comment: There is no IWRA onsite.

1.3.7 *Annual water-related costs, revenues, and a description or quantification of the social, cultural, environmental, or economic water-related value generated by the site shall be identified and used to inform the evaluation of the plan in 4.1.2.*

Obs.

Comment

Yes, the annual water related costs and revenues has been identified.

The following are the items tracked as part of the annual water related costs.

- ADDC monthly bills
- Cleaning of underground tank
- CIP costs (line hygiene)
- Lab analysis (internal & external)
- Aquassay

AWS certification is part of the audit financial costs as it is entire factory activity and is not included in the annual water related costs tracker.

Costs related to beach cleanups or other activities in the Water Stewardship Plan is part of the Cost centers for departments.

1.3.8 *Levels of access and adequacy of WASH at the site shall be identified.*

Yes

Comment

Yes, the adequacy of WASH at the site has been identified. The WASH pledge self assessment tool has identified the action of internal factory water dispensers cleaning and disinfection.

Based on Sanitary Facilities calculation by EAD the site is in compliance with sanitary fixtures based on occupancy.

1.4 *Gather data on the site's indirect water use, including: its primary inputs; the water use embedded in the production of those primary inputs the status of the waters at the origin of the inputs (where they can be identified); and water used in out-sourced water-related services.*

1.4.1 *The embedded water use of primary inputs, including quantity, quality and level of water risk within the site's catchment, shall be identified.*

Yes

Comment

Yes, the site has undertaken an initial review of their primary inputs and identify their catchment location. Embedded water use of primary inputs has been identified in the NWAUH Indirect Embedded water use document. Some of the previous suppliers have been removed as they no longer with with them.

Nestle have received email from ENPI who supply Nestle with Preform to the site who confirmed there is no water being used however, they have noted their site uses 4,300 cubic meters as a site.

The Cap and preform from Interplast at CM have confirmed they only use water for cooling and cleaning and they said no water is consumed in the production. They have a circular system which is 7000 ltr.

32 vehicles as part of Nestle's fleet has referenced the Development of a dynamic water budget model for Abu Dhabi Emirate, UAE to estimate water use for vehicle washing.

The site has provided evidence of interaction and engagement with their suppliers to obtain water use data - this was done through emails.

1.4.2 *The embedded water use of outsourced services shall be identified, and where those services originate within the site's catchment, quantified.* Yes

Comment Yes, the embedded water use of support services has been identified in a table to include suppliers and service providers.

Currently, 12 Nestlé staff are housed in workers' accommodation with a shared kitchen. Nestle do not have influence at this time over the accommodation where the labor workers stay.

-The labor contract is lump sum (LS) and does not itemize water or sewage costs.

-There are no uniform cleaning services provided.

Drinking water is available at the work site, but staff are not permitted to take it back to their accommodation.

1.5 *Gather water-related data for the catchment, including water governance, water balance, water quality, Important Water-Related Areas, infrastructure, and WASH*

1.5.1 *Water governance initiatives shall be identified, including catchment plan(s), water-related public policies, major publicly-led initiatives under way, and relevant goals to help inform site of possible opportunities for water stewardship collective action.* Obs.

Comment Yes, the site has compiled a water governance report, including relevant policies and plans.

TAQA Water Solutions issued a regulation on 7 May 2025 requiring all companies to install a trade effluent sampling point and online monitoring system within 60 days. Nestlé was certified as already compliant.

The site has implemented water governance measures, including water mapping, water balance, savings initiatives, Aquassay monitoring, YMSP, and wastewater analysis.

1.5.2 *Applicable water-related legal and regulatory requirements shall be identified, including legally-defined and/or stakeholder-verified customary water rights.* Yes

Comment The site has provided a list of all water-related legal and regulatory requirements that apply to the site, including reporting requirements, abstraction or quality limits and other conditions on any licenses or permits.

The site has set up an automated calendar to inform the 30 days prior to any expiring certificates.

1.5.3 *The catchment water-balance, and where applicable, scarcity, shall be quantified, including indication of annual, and where appropriate, seasonal, variance.* Obs.

Comment The catchment water balance has been quantified through the Catchment Water Balance study conducted for the UAE published in 2021 and the Concept of Virtual Water PowerPoint. The presentation outlines the Abu Dhabi's water use through key sources which is consumed by agriculture, domestic and amenity and forestry sectors.

1.5.4 *Water quality, including physical, chemical, and biological status, of the catchment shall be identified, and where possible, quantified. Where there is a water-related challenge that would be a threat to good water quality status for people or environment, an indication of annual, and where appropriate, seasonal, high and low variances shall be identified.* Yes

Comment	Yes, a study which has captured the water quality for 23 stations was conducted by the Environment Agency Abu Dhabi, 2024. The site has identified station 13 as the monitoring location source water location for the station. Stations 2, 3, and 4 are within the sites catchment area. All locations are high in eutrophic parameters. Station 13 is also high in eutrophic parameters in 2023 but was fair in previous years. Microbial and Heavy metals in all locations were marked as fair and good.	
1.5.5	*Important Water-Related Areas shall be identified, and where appropriate, mapped,and their status assessed including any threats to people or the natural environment, using scientific information and through stakeholder engagement.*	Yes
Comment	Yes, the sites have identified 5 IWRA and they have been mapped.	
1.5.6	*Existing and planned water-related infrastructure shall be identified, including condition and potential exposure to extreme events.*	Obs.
Comment	The site has provided an existing and planned water and wastewater related infrastructure summary which includes details on the UAEs largest desalination plant.	
1.5.7	*The adequacy of available WASH services within the catchment shall be identified.*	Yes
Comment	Yes, the adequacy of WASH services within the catchment has been identified.	
1.6	*Understand current and future shared water challenges in the catchment, by linking the water challenges identified by stakeholders with the site's water challenges.*	
1.6.1	*Shared water challenges shall be identified and prioritized from the information gathered.*	Obs.
Comment	Yes, the site has identified challenges for Abu Dhabi. The site has shared these challenges with their stakeholders for their information which was shared on 5 Feb 2025 via the sway presentation (https://sway.cloud.microsoft/qQtFLQeXNcnriEXa?ref=Link&loc=play)	
1.6.2	*Initiatives to address shared water challenges shall be identified.*	Yes
Comment	Yes, initiatives to address shared water challenges has been identified.	
1.7	*Understand the site's water risks and opportunities: Assess and prioritize the water risks and opportunities affecting the site based upon the status of the site, existing risk management plans and/or the issues and future risk trends identified in 1.6.*	
1.7.1	*Water risks faced by the site shall be identified, and prioritized, including likelihood and severity of impact within a given timeframe, potential costs and business impact.*	Obs.

Comment

The site has identified water risks through various scenarios, these scenarios have also been associated with potential associated costs.

-Complete loss of Water Supply
-Occasional Interruption of Water Supply
-Raw Water Quality Issue (Contamination of Chemical or Micro)
-Waste Water Rejection Compliance
-Declined in water level in site catchment because of ADDC line clogging
-Water leakage issue from roof during adverse weather condition

1.7.2 *Water-related opportunities shall be identified, including how the site may participate, assessment and prioritization of potential savings, and business opportunities.*

Yes

Comment

The site has identified the following water related opportunities for onsite improvements to align with local water challenges.

Water saving project for 2023
-ACF backwash & steaming water to underground tank (Initially 60m3 was put into the drain from backwash water from rinsing of the RO but the opportunity was to recover this water through a mesh filter after backwashing then flush water was greatly reduced).

Water saving project for 2025
- Cleaning out Place (COP) water optimization
Before water savings project
COP Rinsing :10 Minutes
Water Consumption:05 m3
Chemical COP:35 Minutes
Water Consumption: 09 m3

After water savings project
COP Rinsing:05 Minutes
Water Consumption:2.5 m3
Chemical COP:25 Minutes
Water Consumption:05 m3
Now we were doing Chemical CoP once every week regardless of Changeovers

Water saved in the month of April 2024: 40 m3
Water saved till date 24 May 2024: 85 m3
Total water saved YTD in 2024 after implementation of this activity: 125 m3

Water saving project for 2025
- Recovery of HOT CIP water to underground tank

The site has conducted a beach clean up to participate in wider opportunities such as keeping the environment clean and reduce waste into the ocean.

1.8 *Understand best practice towards achieving AWS outcomes: Determining sectoral best practices having a local/catchment, regional, or national relevance.*

1.8.1 *Relevant catchment best practice for water governance shall be identified.*

Obs.

Comment

Relevant catchment best practice for water governance has been identified by the site.

The Sustainable Water Use Platform (SWUP) is an annual event which the site participates in. This even occurs every June.

The purpose of the event is to discuss water related challenges in the UAE with the involvement of targeted stakeholders including EAD.

1.8.2 *Relevant sector and/or catchment best practice for water balance (either through water efficiency or less total water use) shall be identified.*

Yes

Comment

Relevant sector best practice for water balance has been identified.

The site has Aquassay is in place which monitors the site's water systems.

Below are examples of other best practices for the site.

-Water Ratio tracking & daily monitoring
- Internal annual water mapping is also conducted for the site.
-The site also identifies at least 1 water saving project per year which is done during CAPEX planning preparation.
-The site has an Operational Master Plan 2025-2027 which identifies KPIs for the site under the Sustain the Core theme. The site has a permanent KPI to save 1000m3 of water every year.

1.8.3 *Relevant sector and/or catchment best practice for water quality shall be identified, including rationale for data source.*

Yes

Comment

Yes the catchment water quality has been identified for the site and the catchment. The catchment water quality has supporting data from the Environment Agency Abu Dhabi (EAD) for marine water quality and desalination water quality. This data is available at least on an annual basis and made publicly available through the EAD's research platform.

1.8.4 *Relevant catchment best practice for site maintenance of Important Water-Related Areas shall be identified.*

Obs.

Comment

The site does not have an onsite IWRA.

Best practice for the site's catchment IWRAs has been identified through water quality monitoring by the EAD of the marine environment.

1.8.5 *Relevant sector and/or catchment best practice for site provision of equitable and adequate WASH services shall be identified.*

Obs.

Comment

The site has provided evidence of practices on the provision of WASH services.

The site provides free factory water to staff and visitors.
The showers onsite are in clean condition and all toilets are in good working condition with no evidence of leaks.
There are many water dispensers around the factory as well as manual and automatic hand sanitizing stations.

The site has identified through it's WASH pledge self assessment the following actions for 2024:

-Leaking of filling line pump in HOD Filling Room.
-Leaking of RO Cip return line in Water treatment.
-Drainage facility maintenance need to improve in the HOD production area & PET Filling room.
-Factory Internal Water Dispensers Cleaning & Disinfection.

The availability of WASH in the catchment has been identified.

WSAS
2 Quality StreetNorth Berwick, EH39 4HW, UNITED KINGDOM

2	STEP 2: COMMIT & PLAN - Commit to be a responsible water steward and develop a Water Stewardship Plan	
2.1	*Commit to water stewardship by having the senior-most manager in charge of water at the site, or if necessary, a suitable individual within the organization head office, sign and publicly disclose a commitment to water stewardship, the implementation of the AWS Standard and achieving its five outcomes, and the allocation of required resources.*	
2.1.1	*A signed and publicly disclosed site statement OR organizational document shall be identified. The statement or document shall include the following commitments:* *- That the site will implement and disclose progress on water stewardship program(s) to achieve improvements in AWS water stewardship outcomes* *- That the site implementation will be aligned to and in support of existing catchment sustainability plans* *- That the site's stakeholders will be engaged in an open and transparent way* *- That the site will allocate resources to implement the Standard.*	✓ Yes
Comment	The site has updated the SWAY presentation which is shared with all stakeholders. The link for the presentation is here: https://sway.cloud.microsoft/qQtFLQeXNcnriEXa?ref=Link&loc=play A signed and publicly disclosed site statement has been identified on the communication board before entering the factory.	
2.2	*Develop and document a process to achieve and maintain legal and regulatory compliance.*	
2.2.1	*The system to maintain compliance obligations for water and wastewater management shall be identified, including:* *- Identification of responsible persons/positions within facility organizational structure* *- Process for submissions to regulatory agencies.*	✓ Yes
Comment	The site has established an internal system to manage all water-related permits, including tracking compliance with permit conditions. Additionally, an online reminder system has been set up using Microsoft Teams to help responsible staff stay on top of permit renewal and update deadlines.	
2.3	*Create a water stewardship strategy and plan including addressing risks (to and from the site), shared catchment water challenges, and opportunities.*	
2.3.1	*A water stewardship strategy shall be identified that defines the overarching mission, vision, and goals of the organization towards good water stewardship in line with this AWS Standard.*	✓ Yes
Comment	Yes, the site has created a WSP. The vision and mission has been clearly defined. A SWOT analysis for 2025 was created (January 2025) to clearly understand opportunities and what should be part of the WSP. The WSP has created Version 4 of the strategy.	

2.3.2 *A water stewardship plan shall be identified, including for each target:*
- How it will be measured and monitored
- Actions to achieve and maintain (or exceed) it
- Planned timeframes to achieve it
- Financial budgets allocated for actions
- Positions of persons responsible for actions and achieving targets
- Where available, note the link between each target and the achievement of best practice to help address shared water challenges and the AWS outcomes.

Obs.

Comment

The WSP has been identified. The WSP includes the following:

-Objective,
-Action
-Target
-Success criteria
-Frequency of measures
-Desired outcomes
-Economic contribution
-Cost of action
-Scope of the project
-Shared water challenges
-AWS Outcome
-Responsibility

In the WSP shared water challenges have been linked in the WSP to ensure actions are directly related.

For example a new 2025 action is for the site to conduct water quality analysis from water tanker collection points (three points where raw water can come from) to be sampled and test to confirm if water is of the same quality as ADDC. This would allow the site to confirm if they have safe raw water as a backup resource is ADDC distribution fails.

2.4 *Demonstrate the site's responsiveness and resilience to respond to water risks*

2.4.1 *A plan to mitigate or adapt to identified water risks developed in co-ordination with relevant public-sector and infrastructure agencies shall be identified.*

Yes

Comment

A water risk mitigation and adaptation plan has been developed by the site team, with input from ADDC regarding the location of emergency water supplies in the event of a network disruption.

Another example of agency collaboration involved a site visit from SWS to assess the quality of effluent water. SWS temporarily installed water quality sensors to monitor effluent discharge. After confirming that the water met regulatory standards, the sensors were removed. SWS then purged the network lines, and Nestlé cleaned the roof drainage system to reduce the risk of flooding-related runoff. The site engaged with a 3rd party supplier to fix any leaks on the roof to ensure no leaks will occur and risk the site operations.

3	STEP 3: IMPLEMENT - Implement the site's stewardship plan and improve impacts	
3.1	*Implement plan to participate positively in catchment governance.*	
3.1.1	*Evidence that the site has supported good catchment governance shall be identified.*	Obs.
Comment	The site has provided evidence on its annual attendance to the SWUP. The SWUP is being held annually at Swiss embassy with regulatory stakeholders to discuss catchment governance and different projects initiatives by the governments.	
3.1.2	*Measures identified to respect the water rights of others including Indigenous peoples, that are not part of 3.2 shall be implemented.*	Yes
Comment	The site does not have any community around our site as it is in industrial area called ICAD 3. Based on available reports on WASH for Abu Dhabi water is readily available by ADDC to all citizens, including WASH facilities (e.g., at restaurants , public toilets and mosques etc.). Remote sites (between the emirates) generally have rest stations to provide drinking water and ablutions, as do petrol stations. - Nestle have stated they have satisfactory and compliant WASH facilities for its employees and visitors. - No rights of external parties that need to be considered beyond internal site WASH requirements.	
3.2	*Implement system to comply with water-related legal and regulatory requirements and respect water rights.*	
3.2.1	*A process to verify full legal and regulatory compliance shall be implemented.*	Yes
Comment	Yes, this process has been implemented by the site.	
3.2.2	*Where water rights are part of legal and regulatory requirements, measures identified to respect the water rights of others including Indigenous peoples, shall be implemented.*	Yes
Comment	The site has targeted to reduce an additional 1,000 m3 of water per year. By reducing this water it is less water required from ADDC.	
3.3	*Implement plan to achieve site water balance targets.*	
3.3.1	*Status of progress towards meeting water balance targets set in the water stewardship plan shall be identified.*	Obs.

Comment

Yes, the water balance is implemented at the site through water monitoring with Aquassy tools and water mapping which is conducted internally.

The other supporting meetings to ensure water balance targets are met include the following:

-Operation Master Plan (OMP)
-Monthly Over Review (MOR)
- MENA Water Resource and Treatment Highlight

Water Balance Ratio for 2024
-ADDC (Raw water source) : 122,543.00 m3
-Product water: 75,627 m3
-Water savings 2024: 560 m3 from COP activity
-Effluent to the wastewater network: 41,443m3
-Domestic water use (social block & irrigation) - 3,248m3

Flow meters (beginning and end of line) and tracked on a daily basis at a different sheet to ensure that water is accounted for before and after production process.

3.3.2 *Where water scarcity is a shared water challenge, annual targets to improve the site's water use efficiency, or if practical and applicable, reduce volumetric total use shall be implemented.*

Yes

Comment

Water scarcity is a shared water challenge however, water is accessible because of desalinated water a resource.

Annual targets have been set to improve water efficiency onsite and to reduce total water use has been implemented. The site has to meet a 1,000m3 water savings target every year.

For example the MENA sites were given a combined target to save 80,000m3 of water for 2025.

3.3.3 *Legally-binding documentation, if applicable, for the re-allocation of water to social, cultural or environmental needs shall be identified.*

Yes

Comment

This is not applicable to the site.

3.4 *Implement plan to achieve site water quality targets*

3.4.1 *Status of progress towards meeting water quality targets set in the water stewardship plan shall be identified.*

Yes

Comment

Yes, progress towards meeting water quality targets were identified in the water stewardship plan.

The action of gathering waste water quality data and tracking monthly analysis is part of the WSP.

- The target is clear on performing monthly water quality analysis of wastewater
- There are actions being implemented towards this target of data collection and visual tracking of analysis.
- Data to demonstrate current performance against the target is available with graphs to confirm parameters are within limits.

This site is tracking all water quality for product water, raw water and wastewater.

3.4.2 *Where water quality is a shared water challenge, continual improvement to achieve best practice for the site's effluent shall be identified and where applicable, quantified.*

Yes

Comment	Continual improvement to achieve best practice for the site's effluent was identified through external water sampling and analysis testing for parameters which exceed regulatory requirements. The trends show improvement of wastewater effluent and justification for any exceedances is documented to resolve the matter. In the event of stormwater runoff, stormwater quality monitoring has been included in the yearly annual monitoring plan to cover the gap of surface water runoff quality.	
3.5	*Implement plan to maintain or improve the site's and/or catchment's Important Water-Related Areas.*	
3.5.1	*Practices set in the water stewardship plan to maintain and/or enhance the site's Important Water-Related Areas shall be implemented.*	Obs.
Comment	The site has recently conducted a beach cleanup at one of their identified IWRAs and have requested visits to other IWRA locations with regulators as they require permission to visit and access.	
3.6	*Implement plan to provide access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers at all premises under the site's control.*	
3.6.1	*Evidence of the site's provision of adequate access to safe drinking water, effective sanitation, and protective hygiene (WASH) for all workers onsite shall be identified and where applicable, quantified.*	Yes
Comment	Yes, the site has conducted the Self-Assessment Tool for Evaluating Access to Water, Sanitation and Hygiene (WASH) at the Workplace and conforms with the Sanitary Facilities Calculation Table Appendix B of the Abu Dhabi building permits directorate and the sanitation report for water dispensers.	
3.6.2	*Evidence that the site is not impinging on the human right to safe water and sanitation of communities through their operations, and that traditional access rights for indigenous and local communities are being respected, and that remedial actions are in place where this is not the case, and that these are effective.*	Yes
Comment	The site operations do not impact local communities' access to water or sanitation services, nor are there Indigenous or traditional access rights associated with the site. The site does not have any human receptors immediately upstream or downstream of the factory.	
3.7	*Implement plan to maintain or improve indirect water use within the catchment:*	
3.7.1	*Evidence that indirect water use targets set in the water stewardship plan, as applicable, have been met shall be quantified.*	Obs.
Comment	The WSP has identified tank cleaning as an indirect water use target through process tank cleaning by an external party. One cleaning uses 150m2 of water or both tanks for 1 cleaning session. The vehicle fleet is washed off site and the site has referenced the approx. water use for each vehicle to sum the total amount of water used for monthly vehicle cleaning.	
3.7.2	*Evidence of engagement with suppliers and service providers, as well as, when applicable, actions they have taken in the catchment as a result of the site's engagement related to indirect water use, shall be identified.*	Yes

Comment	Yes, the site has been engaging with suppliers and service providers on indirect water use has been identified. This includes fleet vehicle washing which is conducted by a service provide offsite. The following are approximate values of indirect water uses on and offsite. -Vehicle washing: approx. 80m3 for 2024 -Water tank cleanings: approx. 300m3 for 2024 -Factory cleaning: approx. 50m3 for 2024 -Daily flushing of emergency eye wash and shower: 18m3 for 2024 -Empty racks cleaning: approx. 25m3 for 2024 The site has emailed off of it's suppliers with the following request: "In any activity, services or goods we are consuming and doing, has its own water footprint, and It has direct-indirect impact and it is being used throughout its lifecycle. As you are well aware of the importance of water in our society, we at Nestle Waters – Abu Dhabi is certified with AWS (Alliance for Water Stewardship) and one critical point for us to assess our suppliers and how they are consuming water in their processes. And with that, I am writing to you today to ask for the quantity of your water consumption (if any) to produce the Preform you are supplying to us".
3.8	*Implement plan to engage with and notify the owners of any shared water-related infrastructure of any concerns the site may have.*
3.8.1	*Evidence of engagement, and the key messages relayed with confirmation of receipt, shall be identified.* ✓ Yes
Comment	The Abu Dhabi factory is owned by Nestle Waters. Yes, there is evidence of current and relevant key messages from the site to the stakeholders. The SWAY presentation which was emailed to all stakeholder in February 2025 which highlighted water related challenges. The content of the email included the following: "Nestle Continued commitment to water stewardship through our global water pledge projects, aimed at benefiting local communities and enhancing biodiversity in the catchment areas around our factories. AWS is a global membership collaboration of businesses, NGOs and the public sector. We contribute to the sustainability of local water-resources through their adoption and promotion of a universal framework for the sustainable use of water - the International Water Stewardship Standard, or AWS Standard - that drives, recognizes and rewards good water stewardship performance. Water stewardship is based on the principle of there being a collective need for sustainable water resources and a collective need for effective responses to address shared water-related challenges with our stakeholders. I am sharing with you all the below link on our Last year performance on AWS (ALLIANCE FOR WATER STEWARDSHIP) journey". In addition, the site has a letter which outlines the actions of water tanker trucks in case there is any water supply interruption and this has been agreed with TAQA.
3.9	*Implement actions to achieve best practice towards AWS outcomes: continually improve towards achieving sectoral best practice having a local/catchment, regional, or national relevance.*

3.9.1	*Actions towards achieving best practice, related to water governance, as applicable, shall be implemented.*	Obs.
Comment	Yes, actions towards achieving best practice related to water governance has been implemented.	
3.9.2	*Actions towards achieving best practice, related to targets in terms of water balance shall be implemented.*	Obs.
Comment	Yes, actions towards achieving best practice has been implemented with various tools. Below is a list of some of the implemented actions taken onsite. Water Mapping - Water mapping of all process area to find opportunities to reduce wastewater from the process. Water Balance (Dashboard) - Daily monitoring of water withdrawal and uses data. Water Saving projects - Water saving projects initiatives to achieve good water ratio and eliminate wastewater from the process. Aquassay Monitoring - Live monitoring of water treatment process. YMSP from NQAC - Yearly plan on Water Quality analysis with our Laboratory in France. Waste water analysis - Internal & external wastewater analysis to always comply with regulatory specification.	
3.9.3	*Actions towards achieving best practice, related to targets in terms of water quality shall be implemented.*	Obs.
Comment	Yes, actions towards achieving best practice, related to targets in terms of water quality has been implemented through onsite water sampling and analysis for raw water, process water, product water and wastewater. The sites' underground water tanks have an automatic online analyzer which tracks chlorine to ensure correct dosing needed in the filtration process so materials are not wasted. The site also have a automatic analysis for the effluent wastewater for pH, temperature and conductivity.	
3.9.4	*Actions towards achieving best practice, related to targets in terms of the site's maintenance of Important Water-Related Areas shall be implemented.*	Obs.
Comment	There is no IWRA onsite. The site has requested visits to their identified IWRAs with the relevant regulators, but these visits have not yet been confirmed	
3.9.5	*Actions towards achieving best practice related to targets in terms of WASH shall be implemented.*	Yes
Comment	Yes, the site is taking towards achieving best practice related to targets in terms of WASH such as participation (as noted in the WSP) in World Food safety day campaign by having Awareness and sharing program on June 7, 2024 with theme of "Science in Action". The target is to engage all employees for this event. The site has related this event to the safety of sanitation in the workplace to highlight and promote good hygiene practices.	

4	STEP 4: EVALUATE - Evaluate the site's performance.	
4.1	*Evaluate the site's performance in light of its actions and targets from its water stewardship plan and demonstrate its contribution to achieving water stewardship outcomes.*	
4.1.1	*Performance against targets in the site's water stewardship plan and the contribution to achieving water stewardship outcomes shall be evaluated.*	Obs.
Comment	Yes, the WSP includes AWS outcomes, targets, and performance. This has been tracked in the SWP performance document attached which shows the progress since initial certification. The site created a AWS communication plan is to highlight activities various activities planned throughout the years and relevant ones will be carried over to the WSP.	
4.1.2	*Value creation resulting from the water stewardship plan shall be evaluated.*	Yes
Comment	The site has prepared a value creation document based on the WSP to cover the various value creation elements such as: -Environmental value creation -Social value creation -Economic value creation -Strategic & governance value creation Based on the value creation review the WSP consists of measurable social and environmental values with minimal economic cost. Despite the cancellation of one high-impact initiative (Objective 2), the overall portfolio remains aligned with long-term sustainability goals, providing shared value to both Nestlé and its community.	
4.1.3	*The shared value benefits in the catchment shall be identified and where applicable, quantified.*	Yes
Comment	Yes the shared value benefits in the catchment were identified and quantified through the beach cleanup activity. The site removed approximately 60–70 kg of waste during the beach cleanup, preventing it from entering the marine environment.	
4.2	*Evaluate the impacts of water-related emergency incidents (including extreme events), if any occurred, and determine the effectiveness of corrective and preventative measures.*	
4.2.1	*A written annual review and (where appropriate) root-cause analysis of the year's emergency incident(s) shall be prepared and the site's response to the incident(s) shall be evaluated and proposed preventative and corrective actions and mitigations against future incidents shall be identified.*	Yes

Comment	The site had an annual review on 14 March 2025 which covered the previous year (covering the period of 01 January 2024 – 31 December 2024). Based on this review the following actions were taken or planned for AWS: The site had updated Abu Dhabi Management Commitment to AWS Standard & AWS team dated 15th of Jan 2025 and this was communicated to the employees through employee's communication board, sent through emails and refresher trainings. Included in the Sway presentation for stakeholder communications. · The site created a Sway presentation intended for sharing to all AWS stakeholders to communicate Abu Dhabi AWS journey, shared water challenges, best practice, and site efforts to contribute in collective actions to address water challenges. -The Risk and Opportunity Register was reviewed and updated accordingly, including the Business Impact Assessment (BIA) related to water related potential risks. -The Abu Dhabi AWS team members were reorganized and clearly define the roles and responsibility related to water legal regulations.
4.3	*Evaluate stakeholders' consultation feedback regarding the site's water stewardship performance, including the effectiveness of the site's engagement process.*
4.3.1	*Consultation efforts with stakeholders on the site's water stewardship performance shall be identified.* ✓ Yes
Comment	Yes, consultation efforts with stakeholders on the site's water stewardship performance has been communicated via the SWAY presentation. The presentation included an E-form survey (Stakeholder Acceptability Survey Form) to accommodate any feedback or inputs from stakeholder related to site AWS implementation. These inputs will be gathered and analyzed to improve the site's water stewardship plan.
4.4	*Evaluate and update the site's water stewardship plan, incorporating the information obtained from the evaluation process in the context of continual improvement.*
4.4.1	*The site's water stewardship plan shall be modified and adapted to incorporate any relevant information and lessons learned from the evaluations in this step and these changes shall be identified.* ✓ Yes
Comment	The site's water stewardship plan has been modified and adapted to since the initial certification. The current WSP iteration is now on version 4. The WSP is evaluated during annual UAE - Management review meetings and additional internal meetings. For example on Jan 28, 2025 a SWOT analysis was conducted to prioritize the WSP for 2025. Some identified weaknesses from the analysis: - Lack of Training -AWS team succession -Slow progress on Stakeholders Engagement /knowledge sharing

5	STEP 5: COMMUNICATE & DISCLOSE - Communicate about water stewardship and disclose the site's stewardship efforts

5.1 *Disclose water-related internal governance of the site's management, including the positions of those accountable for legal compliance with water-related local laws and regulations.*

5.1.1 *The site's water-related internal governance, including positions of those accountable for compliance with water-related laws and regulations shall be disclosed.* ✓ Yes

Comment: The site has prepared the SWAY presentation which is disclosed to stakeholders annually.

The roles and responsibilities announcement is posted at the factory for visitors reference.

The site has also prepared Nestle Waters Factory Abu Dhabi AWS team visual.

5.2 *Communicate the water stewardship plan with relevant stakeholders.*

5.2.1 *The water stewardship plan, including how the water stewardship plan contributes to AWS Standard outcomes, shall be communicated to relevant stakeholders.* ✓ Yes

Comment: Yes, the site communicated the plan with sufficient level of detail and an appropriate format for the target stakeholders. The WSP is embedded within the SWAY presentation which is shared to all stakeholders annually. An email to the stakeholders has clearly presented the objectives of the WSP.

5.3 *Disclose annual site water stewardship summary, including: the relevant information about the site's annual water stewardship performance and results against the site's targets.*

5.3.1 *A summary of the site's water stewardship performance, including quantified performance against targets, shall be disclosed annually at a minimum.* ✓ Yes

Comment: The SWAY presentation has the WSP which has a column of the sites performance target duration and level of implementation

5.4 *Disclose efforts to collectively address shared water challenges, including: associated efforts to address the challenges;engagement with stakeholders; and co-ordination with public-sector agencies.*

5.4.1 *The site's shared water-related challenges and efforts made to address these challenges shall be disclosed.* ✓ Yes

Comment: Yes, the site's shared water challenges and efforts to address challenges have been disclosed in the SWAY presentation. A slide has provided a glimpse at catchment level challenges such as marine water quality. The site has shared a slide on site key water challenges and the activities Nestle are doing to address a local challenge of unsustainable use of groundwater (Nestle waters does not use groundwater for their product).

5.4.2 *Efforts made by the site to engage stakeholders and coordinate and support public-sector agencies shall be identified.* ✓ Yes

Comment: Yes the site has communicated efforts to address shared water challenges to relevant stakeholders in a manner that is accessible via the SWAY presentation. The site has created a specific QR code to invite stakeholders come to them within the SWAY presentation. The site was involved in a Water sector circularity model event at Abu Dhabi Energy sector in June 2024 to discuss the finalization of what should be the circularity model with input from the private sectors.

5.5 *Communicate transparency in water-related compliance: make any site water-related compliance violations available upon request as well as any corrective actions the site has taken to prevent future occurrences.*

5.5.1 *Any site water-related compliance violations and associated corrections shall be disclosed.* ✓ Yes

Comment: The site has not had any violations from the regulators and this was verified during the stakeholder interview. In August 2024 the pH was high in the wastewater rejected tank (this was identified by the site). It was detected before it was discharged to the sewage network therefore reducing the risk from it being discharged. The regulators came to to the site to inspect and it was concluded that there was not further issues and the water could be directed to the network as the levels were within range to release to the network.

Note: The site is equipped with a wastewater buffer tank that allows for monitoring and quality checks before the wastewater is discharged to the municipal sewer network. This system enables the site to assess key parameters and ensure compliance prior to release.

In Feb 2025, site had detected High bromate in the RO. This incident was shared with all NW factories. Membrane replacement activity was not planned but they identified the risks through analysis and they executed this activity based on the risk. The incident and the resolution activity was shared amongst the NW MENA team for lessons learned.

5.5.2 *Necessary corrective actions taken by the site to prevent future occurrences shall be disclosed if applicable.* ✓ Yes

Comment: No regulatory incidents occurred during the reporting period for wastewater effluent or product recall; therefore, no findings or corrective actions are applicable.

The site has included in the WSP v4 the action to RO membrane to secure water quality in line hygiene in water treatment. This action was raised in the WSP in Feb and was closed in March. This information will be disclosed in the WSP to the stakeholders.

5.5.3 *Any site water-related violation that may pose significant risk and threat to human or ecosystem health shall be immediately communicated to relevant public agencies and disclosed.* ✓ Yes

Comment: There have been no site water-related violations that pose a significant risk or threat to human or ecosystem health. As no such incidents have occurred, there is nothing to disclose or report to relevant public agencies at this time.

Previous Findings

All non-conformities raised in the previous audit have been satisfactorily closed. ✓ Yes

Comment: Surveillance audit 2 in 2024 resulted in 1 minor non conformity and 5 observations. These indicators were checked during the re-certification audit and all were satisfactorily closed.